## ENGINEERING CHANGE NOTICE DART AEROSPACE LTD

| Date  | : March 20 2018  | $\overline{}$   | Job No.:   |              | DD10 N                       | Northrop       | ADD             | R Yes/No:      | N        | IADR D  | oto:     | NI/A                 |          |          |       |
|---|--|---|--|--------------|------------------------------|----------------|-----------------|----------------|----------|---------|----------|----------------------|----------|----------|-------|
|   | luct No.: RBT18420 (Northro  | KD 10-1   |  |              | ated By:                     | N<br>ML        | ADR D           | ed By: 1       | N/A      | ECN#:   | 18-      | 589                  |          |          |       |
| Product Name: Wing Pin Puller                         |  |   |  |              |                              |                |                 |                | 1k       | Арріоч  | eu by.   | "                    |          | - 11     |       |
|   | zocreanie. Vring i in i dilor  |   | Onco   | CRECIDY.     | 17)                          |                |                 |                |          |         |          |                      |          |          |       |
| Dietr   | ribution   | Bond  | Seen   |              | Initial /                    |                |                 | -1-thuilen     | -        |         | Dead     | 3-an                 |          | nitial / |       |
| Distr   | ibution  | Reqd  | Resp   | Date         | (YXMM)                       | (DD)           | Dis             | stribution     |          |         | Reqd     | Resp                 | //Qate ( |          |       |
| _   | ctor of Operations   | Υ   |  |              | 10111803.1                   |                | DQA / QA Coord. |                | Υ        | MD / ED | NU K     | -03-                 | 26       |          |       |
| Production Planning Man. / Prod. Planner Y            |  |   | LL /ML/MP  | 2018 02 · 14 | 45                           | 2 - 1          | QC              | C Coordinator  |          | - 55    | Υ        | PD '                 | 12.18    | +32      | 6     |
|   |  |   |  |              | DIRE                         | 12.51          | Cu              | ustomer Suppo  | ort      |         | Υ        | SW/LM/JR             | N        | 18       | 03/21 |
|   |  |   |  |              | 03-28                        |                |                 | ustomer Techn  | nical Su | pport   | Υ        | MB / EL              | EZ 1     | 410      | 3/21  |
| NCR / PAR / CAR / CIR / URF Coordinator Y SAD SAD 18. |  |   |  |              |                              |                | _               | arketing       |          | 2-11    | N        | WR                   | 0        |          |       |
|   |  |   |  |              |                              |                | Pro             | od. Man. Solut | tion Pro | vider   | Υ        | SL/R3                | KB       | 810      | 3/21  |
| Reason for Change:                                    |  |   |  |              |                              |                |                 |                |          |         |          | 11.50                |          |          |       |
| Release new drawing per customer request              |  |   |  |              |                              |                |                 |                |          |         |          |                      |          |          |       |
| TVOICE  | Troited of Hew drawing per customer request  |   |  |              |                              |                |                 |                |          |         |          |                      |          |          |       |
| Docu  | uments Affected:   |   |  |              | 1.24.000                     |                |                 |                |          |         |          |                      |          |          |       |
| F-1-5-1-10-1-11-11-11-11-11-11-11-11-11-11-11         | ase RBT18420 Rev. A  |   |  |              |                              |                |                 |                |          |         |          |                      |          |          | 1     |
|   |  |   |  |              |                              |                |                 |                |          |         |          |                      |          |          | ,     |
|   |  |   |  |              |                              |                |                 |                |          |         |          |                      |          |          | !     |
|   |  |   |  |              |                              |                |                 |                |          |         |          |                      |          |          | /     |
|   |  |   |  |              |                              |                |                 |                |          |         |          |                      |          |          |       |
|   |  |   |  |              |                              |                |                 |                |          |         |          |                      |          |          |       |
| IF A  | APPLICABLE: NCR:   |   | PAR:   |              |                              | CAR:           |                 | 1271           | CIR:     |         |          |                      | URF:     | 4        |       |
|   | DADEDWOOK UDDATE   | 3   |  | DADTO        | MUST                         | COMPL          | ~               | <b>7</b>       | · \ //   |         | 4 D.T.O. | —<br>^**!05 <i>4</i> | STARY    |          |       |
|   | PAPERWORK UPDATE   | J   |  | PAKIS        | MUSI                         | COMPLY         | Y               | ^              | REVI     | 005 P   | ARIS     | SATISHA              | CTORY    |          | i.    |
| #   | Quality Assurance  | e Action  | 19   |              | Regd                         | Resp           |                 |                | No       | tes     |          |                      | Co       | omplet   | 9     |
| 1   | Notify Previous Customers  | o riciis.   |  |              | 1,1040                       | ,,,,,,         | <del></del>     |                |          | 7100    |          |                      | 37.0     | /mp.c.   |       |
|   | Service and a service of the service |   |  |              | <b></b>                      | $\vdash$       | <u> </u>        |                |          |         |          |                      |          |          |       |
| 2   | Notify Eurocopter France   |   |  |              |                              |                |                 |                |          |         |          |                      |          |          |       |
| 3   | Notify Augusta Westland  |   |  |              |                              |                |                 |                |          |         |          |                      |          |          |       |
| 4   | Manufacturing Licensing Agreement Upda   | ate   |  |              |                              |                |                 |                |          |         |          |                      |          |          |       |
|   |  |   |  |              |                              |                |                 |                |          |         |          |                      |          |          |       |
| #   | Engineering A  |   |  |              | Reqd                         | Resp           |                 |                | No       | tes     |          |                      | Co       | omplet   | Ð     |
| 5   | Required Documents/Drawings/Item ID's  | Under R   | teview (URF  | •)           |                              |                |                 |                |          |         |          |                      |          |          |       |
| 6   | Update Master Document List (MDL)  |   |  |              | lacksquare                   |                |                 |                |          |         |          |                      |          |          |       |
| 7   | Update Document Record (DR)  |   | 2.0  |              | $ldsymbol{ldsymbol{\sqcup}}$ | $\vdash$       |                 |                | 1000     |         |          |                      |          |          |       |
| 8   | Update Product Compatability Matrix  | 2.2)  |  |              |                              |                |                 |                |          |         |          |                      |          |          |       |
| 9   | Notify TC / FAA of Change (eg. ICA, 611)   | Notify TC / FAA of Change (eg. ICA, 8110-3)             |  |              |                              |                |                 |                |          |         |          |                      |          |          | -     |
| 10  |  |   |  |              |                              |                |                 |                |          |         |          |                      |          |          |       |
| #   | Document Control Actions   |   |  |              |                              | Resp           |                 |                | No       | tes     |          |                      | Co       | omplet   | Δ     |
| 11  | Move / Update Electronic Files / Design J  |   | 10   |              | Reqd                         | KJ             |                 |                | .,.      | 100     |          |                      | 18,03    |          | de    |
| 12  |  |   |  |              |                              | ,              |                 |                |          |         |          |                      | 1010     | 161      | CA    |
|   | Update Approved/Preliminary Dwg PDF I  |   |  |              |                              |                |                 |                |          |         |          | 5                    | 18.03    | 371      | D     |
|   | Update Product Development Summary (   | Y   | KJ   |              |                              |                |                 |                |          | 10,0    | -61      | 1                    |          |          |       |
|   |  | Update QSI 021 (TC/FAA STC) and/or STC Approval List    |  |              |                              |                |                 |                |          |         |          |                      |          | - 2-     | ٠,٨   |
| 10000   | Create/Update Parts / STC Database   | Create/Update Parts / STC Database                      |  |              |                              |                |                 |                |          |         |          |                      | 18.0     | 3.2      | 194   |
|   | Update / Verify Airworthiness Release Ce   |   |  |              | Υ                            | KJ             |                 | Y              |          |         |          |                      | 18.03    | 3.21     | DE-   |
| 18  |  | Create / Update Change Record Form / Item Card Database |  |              |                              |                |                 |                |          |         |          |                      | 12       |          | O     |
| 19  | Create / Update Packaging Process Plan   |   |  |              |                              |                |                 |                |          |         |          |                      |          |          |       |
| 20  | Red Decals required on Packaging Proce   |   |  |              |                              |                |                 |                |          |         |          |                      |          |          |       |
| 21  | Update Controlled Supplier Documents (Qpulse) Database   |   |  |              |                              |                |                 |                |          |         |          |                      |          |          |       |
| 22  | Update Grey Project Binder / Electronic F  |   |  |              |                              |                |                 |                |          |         |          |                      |          |          |       |
| 23  | Update D-Part / M-Drawing / DSI / DEO  | CHECKING SOLUTION SAND                                  | The second secon |              |                              |                |                 |                |          |         |          |                      |          |          |       |
| 24  | Update "Royalty Paid to" attribute (Parts  | sold und  | er Dart USA  | STC's)       |                              |                |                 |                |          | 78477   |          |                      |          |          |       |
| 25  |  |   |  |              |                              |                |                 |                |          |         |          |                      |          |          |       |
|   |  |   |  |              |                              |                |                 | 7.8            |          |         |          |                      |          |          |       |
| 23  | cription / Action:   |   |  |              |                              | And the second |                 |                |          |         |          |                      |          |          |       |
| Relea   | ase drawing  |   |  |              |                              |                |                 |                |          |         |          |                      |          |          |       |
|   |  |   |  |              |                              |                |                 |                |          |         |          |                      |          |          |       |
|   |  |   |  |              |                              |                |                 |                |          |         |          |                      |          |          |       |
|   |  |   |  |              |                              |                |                 |                |          |         |          |                      |          |          |       |
|   |  |   |  |              |                              |                |                 |                |          |         |          |                      |          |          |       |
|   |  |   |  |              |                              |                |                 |                |          |         |          |                      |          |          |       |
|   |  |   |  |              |                              |                |                 |                |          |         |          |                      |          |          |       |
|   |  |   |  |              |                              |                |                 |                |          |         |          |                      |          |          | ,     |

H:\Forms\Engineering\approved online eng\ECNrevAB.xls

ECN Verified & Complete: Mar 26/18